## **WEST Search History**

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4

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Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 20030162823 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 4

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162823

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162823 A1

TITLE: Novel C-4 substituted retinoids

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Njar, Vincent C.O. Columbia MD US
Brodie, Angela M.H. Fulton MD US

Nnane, Ivo P. Baltimore MD US

US-CL-CURRENT: 514/396; 514/529, 514/559, 548/335.1, 554/103, 554/221

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 10000 Draw De

2. Document ID: US 6306624 B1

L1: Entry 2 of 4 File: USPT

Oct 23, 2001

US-PAT-NO: 6306624

DOCUMENT-IDENTIFIER: US 6306624 B1

TITLE: Retinoid metabolizing protein

Full Title Citation Front Review Classification Date Reference Claims KMIC Draw De

3. Document ID: US 6299858 B1

L1: Entry 3 of 4

File: USPT

oct 9, 2001

US-PAT-NO: 6299858

DOCUMENT-IDENTIFIER: US 6299858 B1

h e b b g e e e f e g h ef b e

TITLE: Methods of screening agents for activity using teleosts

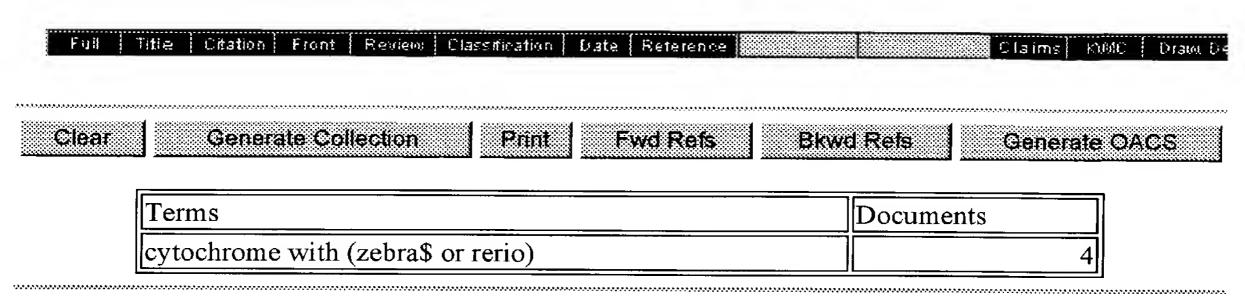
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\*\* See image for Certificate of Correction \*\*

TITLE: Retinoid metabolizing protein



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     Aromatase modulation alters gonadal differentiation in developing
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     Fenske Martina; Segner Helmut
ΑU
     Department of Chemical Ecotoxicology, UFZ Centre for Environmental
CS
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     m.fenske@exeter.ac.uk
     Aquatic toxicology (Amsterdam, Netherlands), (2004 Apr 14) 67 (2) 105-26.
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     An aromatase inhibitor or high water temperature induce oocyte apoptosis
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     Uchida Daisuke; Yamashita Michiaki; Kitano Takeshi; Iguchi Taisen
ΑU
     Graduate School of Integrated Science, Yokohama City University, Seto,
CS
     Kanazawa-ku, 236-0027, Yokohama, Japan.. udaisuke@yokohama-cu.ac.jp
     Comparative biochemistry and physiology. Part A, Molecular & integrative
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     Polymorphisms in the human gene for cytochrome P 450 CYP1A2 and their use
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     in diagnostic and therapeutic applications
     Wojnowski, Leszek; Presecan-Siedel, Elena
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      Cloning and expression analysis of a
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      Johnson E W (Reprint); Jung A E; Bobb A J
ΑU
      Geocenters Inc, TD, NHRC, Wright Patterson AFB, OH 45433 USA; Naval Hlth
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      FASEB JOURNAL, (17 MAR 2003) Vol. 17, No. 5, Part 2, Supp. [s], pp.
SO
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     2003:1005749 HCAPLUS
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     Cloning of the zebra finch androgen synthetic enzyme CYP17: a study of its
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     neural expression throughout posthatch development
     London, Sarah E.; Boulter, Jim; Schlinger, Barney A.
ΑU
     Interdepartmental Graduate Program in Neuroscience, Department of
CS
     Physiological Science and Laboratory of Neuroendocrinology, Brain Research
     Institute, University of California-Los Angeles, Los Angeles, CA, 90095,
     Journal of Comparative Neurology (2003), 467(4), 496-508
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     Molecular phylogeny of the lionfish genera Dendrochirus and Pterois
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     (Scorpaenidae, Pteroinae) based on mitochondrial DNA sequences
     Kochzius, Marc; Soller, Rainer; Khalaf, Maroof A.; Blohm, Dietmar
ΑU
     Centre for Tropical Marine Ecology, Bremen, 28359, Germany
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     Molecular Phylogenetics and Evolution (2003), 28(3), 396-403
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```

```
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      Analysis of zebrafish cyp19 promoters
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      Journal of Steroid Biochemistry and Molecular Biology (2003), 86(3-5),
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      Induction of cytochrome P450 1A is required for circulation failure and
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      Teraoka, Hiroki; Dong, Wu; Tsujimoto, Yoshikazu; Iwasa, Hiroyuki; Endoh,
 ΑU
      Daiji; Ueno, Naoto; Štegeman, John J.; Peterson, Richard E.; Hiraga, Takeo
      School of Veterinary Medicine, Department of Toxicology, Rakuno Gakuen
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     Aryl hydrocarbon receptor 2 mediates 2,3,7,8-tetrachlorodibenzo-p-dioxin
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     developmental toxicity in zebrafish.
     Prasch, Amy L.; Teraoka, Hiroki; Carney, Sara A.; Dong, Wu; Hiraga, Takeo;
ΑU
     Stegeman, John J.; Heideman, Warren; Peterson, Richard E. [Reprint Author]
     School of Pharmacy, University of Wisconsin, 777 Highland Ave., Madison,
CS
     WI, 53705-2222, USA
     repeterson@pharmacy.wisc.edu
     Toxicological Sciences, (November 2003) Vol. 76, No. 1, pp. 138-150.
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     Cloning and expression analysis of a ***cytochrome***
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     andrew.bobb@wpafb.af.mil; anne.jung@wpafb.af.mil; andrew.bobb@wpafb.af.mil
     FASEB Journal, (March 2003) Vol. 17, No. 4-5, pp. Abstract No. 848.14.
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Polymorphisms in the human gene for cytochrome P450 2C8 and their use in

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diagnosis, therapy and drug selection
      Penger, Anja; Sprenger, Reimund; Brinkmann, Ulrich
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      Yamazaki Koji; Teraoka Hiroki; Dong Wu; Stegeman John J; Hiraga Takeo
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      University, Ebetsu, Hokkaido, Japan.
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     Embryotoxicity of PAHs to ***zebrafish*** : The role of
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     Segner, Helmut [Reprint author]; Stoenescu, Valentina [Reprint author];
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     UFZ Centre for Environmental Research, D-04318, Leipzig, Germany
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     Marine Environmental Research, (September-December, 2002) vol. 54, No.
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     Phylogeny, expression and enzyme activity of zebrafish cyp19 (P450
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     Tong, Sok-Keng; Chiang, Evelyn Feng-lin; Hsiao, Pei-Hung; Chung, Bon-chu
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     Academia Sinica, Institute of Molecular Biology 48, Taipei, Nankang, 115,
CS
```

Taiwan Journal of Steroid Biochemistry and Molecular Biology (2002), Volume Date SO 2001, 79(1-5), 299-303 CODEN: JSBBEZ; ISSN: 0960-0760 PB Elsevier Science Ltd. Journal DT English LA THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD RE.CNT 25 ALL CITATIONS AVAILABLE IN THE RE FORMAT ANSWER 15 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L2 AN 2002:457090 BIOSIS PREV200200457090 DN Localization and expression of aromatase mRNA in adult zebrafish. TI Goto, Rie [Reprint author]; Kight, Katherine E. [Reprint author]; Zohar, ΑU Yonathan [Reprint author]; Trant, John M. [Reprint author]; Place, Allen R [Reprint author] Center of Marine Biotechnology, University of Maryland Biotechnology CS Institute, Baltimore, MD, USĂ Biology of Reproduction, (2002) Vol. 66, No. Supplement 1, pp. 257-258. SO print. Meeting Info.: 35th Annual Meeting of the Society for the Study of Reproduction. Baltimore, Maryland, USA. July 28-31, 2002. CODEN: BIREBV. ISSN: 0006-3363. DT Conference; (Meeting) Conference; Abstract; (Meeting Abstract) LA Enalish Entered STN: 28 Aug 2002 ED Last Updated on STN: 28 Aug 2002 L2 ANSWER 16 OF 59 MEDLINE on STN **DUPLICATE 4** AN 2002315109 MEDLINE PubMed ID: 12054474 DN Cloning of rat cytochrome P450RAI (CYP26) cDNA and regulation of its gene TI expression by all-trans-retinoic acid in vivo. Wang Yuanping; Zolfaghari Reza; Ross A Catharine ΑU Program in Integrative Biosciences, Pennsylvania State University, CS University Park, PA 16802, USA. DK-46869 (NIDDK) NC Archives of biochemistry and biophysics, (2002 May 15) 401 (2) 235-43. SO Journal code: 0372430. ISSN: 0003-9861. United States CY Journal; Article; (JOURNAL ARTICLE) DT English LA Priority Journals FS 0S GENBANK-AF439720 EΜ 200207 Entered STN: 20020612 ED Last Updated on STN: 20020702 Entered Medline: 20020701 ANSWER 17 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L2 ΑN 2002:456957 BIOSIS DN PREV200200456957 Possible roles of endocrine disrupting chemicals on the expression of TI CYP19 genes in zebra fish. Kazeto, Yukinori [Reprint author]; Place, Allen R. [Reprint author]; ΑU Trant, John M. [Reprint author] Center of Marine Biotechnology, University of Maryland Biotechnology CS Institute, Baltimore, MD, USÃ Biology of Reproduction, (2002) Vol. 66, No. Supplement 1, pp. 203. print. SO Meeting Info.: 35th Annual Meeting of the Society for the Study of Reproduction. Baltimore, Maryland, USA. July 28-31, 2002. CODEN: BIREBV. ISSN: 0006-3363. Conference; (Meeting) DT Conference; Abstract; (Meeting Abstract) English LA Entered STN: 28 Aug 2002 ED Last Updated on STN: 28 Aug 2002 ANSWER 18 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN L2 AN 2002:685010 HCAPLUS 137:347670 DN 2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity in the Zebrafish Embryo: TI Local Circulation Failure in the Dorsal Midbrain Is Associated with Increased Apoptosis

```
Dong, Wu; Teraoka, Hiroki; Yamazaki, Koji; Tsukiyama, Shusaku; Imani,
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      Hiraga, T.
      School of Veterinary Medicine, Department of Toxicology, Rakuno Gakuen
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      Oxford University Press
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 DT
      Journal
      English
 LA
               THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE.CNT 45
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 19 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN
 L2
      2002:684990 HCAPLUS
 AN
 DN
      138:34384
      2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity in the Zebrafish Embryo:
 TI
      Local Circulation Failure in the Dorsal Midbrain Is Associated with
      Increased Apoptosis
     Tillitt, Donald E.; Papoulias, Diana M.
 ΑU
     Geological Survey, Columbia Environmental Research Center, U.S. Department
 CS
     of Interior, Columbia, MO, 65201, USA
     Toxicological Sciences (2002), 69(1), 1-2
 SO
     CODEN: TOSCF2; ISSN: 1096-6080
     Oxford University Press
 PB
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      Journal
     English
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RE.CNT 18
              THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2
     ANSWER 20 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN
     2001:453232 HCAPLUS
AN
     135:56930
DN
     Genes encoding mammalian retinoic acid-metabolizing cytochrome P450RAI-2
TI
     and related proteins
     White, Jay A.; Petkovich, P. Martin; Jones, Glenville; Ramshaw, Heather
IN
     Cytochroma Inc., Can.
PA
     PCT Int. Appl., 174 pp.
SO
     CODEN: PIXXD2
DT
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     English
LA
FAN. CNT 1
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                      KIND DATE
                                            APPLICATION NO. DATE
ΡI
     WO 2001044443
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     WO 2001044443
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             LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
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                            20001215
    WO 2001-CA1805
                       W
                            20011217
```

```
2001:832097 HCAPLUS
 AN
 DN
      136:322298
      The complete sequence of the zebrafish (Danio rerio) mitochondrial genome
 TI
      and evolutionary patterns in vertebrate mitochondrial DNA
      Broughton, Richard E.; Milam, Jami E.; Roe, Bruce A.
 ΑU
      Oklahoma Biological Survey and Department of Zoology, University of
 CS
      Oklahoma, Norman, OK, 73019, USA
      Genome Research (2001), 11(11), 1958-1967
 $0
      CODEN: GEREFS: ISSN: 1088-9051
      Cold Spring Harbor Laboratory Press
 PB
 DT
      Journal
      English
 LA
 RE.CNT 58
               THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
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      ANSWER 22 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 L2
      2001:547389 BIOSIS
 AN
      PREV200100547389
 DN
      Experience-dependent changes in ***cytochrome***
 TI
                                                           oxidase staining
                    ***zebra*** finch song nuclei.
      patterns in
      Rosado, R. [Reprint author]; Espino, G. G. [Reprint author]; Rosenfield,
 ΑU
      D. B. [Reprint author]; Helekar, S. A. [Reprint author]
      Department of Neurology, Baylor College of Medicine, Houston, TX, USA
 CS
      Society for Neuroscience Abstracts, (2001) vol. 27, No. 1, pp. 1425.
 SO
      print.
      Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
      Diego, California, USA. November 10-15, 2001.
      ISSN: 0190-5295.
     Conference; (Meeting)
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     Conference; Abstract; (Meeting Abstract)
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     Entered STN: 21 Nov 2001
     Last Updated on STN: 25 Feb 2002
     ANSWER 23 OF 59
L2
                          MEDLINE on STN
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AN
     2001569114
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     PubMed ID: 11337868
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     Relative potencies of polychlorinated dibenzo-p-dioxin, dibenzofuran, and
TI
     biphenyl congeners to induce ***cytochrome***
                                                        P4501A mRNA in a
       ***zebrafish***
                        liver cell line.
     Henry T R; Nesbit D J; Heideman W; Peterson R E
ΑU
     U.S. Environmental Protection Agency, National Health and Environmental
CS
     Effects Research Laboratory, 6201 Congdon Boulevard, Duluth, Minnesota
     55804, USA.. henry.tala@epa.gov
     Environmental toxicology and chemistry / SETAC, (2001 May) 20 (5) 1053-8.
SO
     Journal code: 8308958. ISSN: 0730-7268.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
     English
LA
FS
     Priority Journals
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     Entered Medline: 20011025
     ANSWER 24 OF 59 MEDLINE on STN
L2
                                                        DUPLICATE 6
AN
     2001179509
                    MEDLINE
DN
     PubMed ID: 11159846
     Distinct ***cytochrome*** P450 aromatase isoforms in ***zebrafish***
TI
            ***rerio*** ) brain and ovary are differentially programmed and
     (Danio
     estrogen regulated during early development.
ΑU
     Kishida M; Callard G V
     Department of Biology, Boston University, Boston, Massachusetts 02215,
CS
     USA.
     P42 ES-07381 (NIEHS)
NC
     Endocrinology, (2001 Feb) 142 (2) 740-50.
SO
     Journal code: 0375040. ISSN: 0013-7227.
CY
     United States
     Journal; Article; (JOURNAL ARTICLE)
DT
LA
     English
    Abridged Index Medicus Journals; Priority Journals
FS
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    Last Updated on STN: 20010404
    Entered Medline: 20010329
```

```
ANSWER 25 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN
 L2
      2001:869918 HCAPLUS
 AN
      137:58293
 DN
      Characterization of duplicated zebrafish cyp19 genes
 TI
      Chiang, Evelyn Feng-Lin; Yan, Yi-Lin; Tong, Sok-Keng; Hsiao, Pei-Hung;
 ΑU
      Guiguen, Yann; Postlethwait, John; Chung, Bon-Chu
      Institute of Molecular Biology, Academia Sinica, Taipei, 115, Taiwan
 CS
      Journal of Experimental Zoology (2001), 290(7), 709-714
 50
      CODEN: JEZOAO; ISSN: 0022-104X
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      Wiley-Liss, Inc.
 DT
      Journal
     English
 LA
              THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE.CNT 18
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
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      ANSWER 26 OF 59
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AN
      2001699403
                    MEDLINE
DN
      PubMed ID: 11748833
     Posttranscriptional silencing of
TI
                                         ***cytochrome***
                                                            P4501A1 (CYP1A1)
                                        ***rerio*** ) development.
              ***zebrafish***
                                 (Danio
     Mattingly C J: Toscano W A
ΑU
     Interdisciplinary Program in Molecular Cellular Toxicology, Tulane
CS
     University, The Tulane/Xavier Center for Bioenvironmental Research, New
     Orleans, Louisiana, USA.
     Developmental dynamics: an official publication of the American
S0
     Association of Anatomists, (2001 Dec) 222 (4) 645-54.
     Journal code: 9201927. ISSN: 1058-8388.
CY
     United States
     Journal; Article; (JOURNAL ARTICLE)
DT
LA
     English
     Priority Journals
FS
os
     GENBANK-AF057713
EΜ
     200203
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ED
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     Entered Medline: 20020305
     ANSWER 27 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L2
ΑN
     2001:290312 BIOSIS
DN
     PREV200100290312
     Cloning of rat cytochrome P450RAI (CYP26) cDNA and regulation of hepatic
TI
     CYP26 gene expression by retinoic acid in vivo.
     Wang, Yuanping [Reprint author]; Zolfaghari, Reza [Reprint author]; Ross,
ΑU
     A. Catharine [Reprint author]
     The Pennsylvania State University, University Park, PA, 16802, USA
CS
     FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A602. print.
SO
     Meeting Info.: Annual Meeting of the Federation of American Societies for
     Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA.
     March 31-April 04, 2001.
     CODEN: FAJOEC. ISSN: 0892-6638.
     Conference; (Meeting)
DT
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LA
     English
     Entered STN: 20 Jun 2001
ED
     Last Updated on STN: 19 Feb 2002
L2
     ANSWER 28 OF 59
                         MEDLINE on STN
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AN
     2001507005
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DN
TI
     Developmental expression of ***cytochrome***
                                                      P450 aromatase genes
     (CYP19a and CYP19b) in ***zebrafish*** fry (Danio
                                                             ***rerio*** )
     Trant J M; Gavasso S; Ackers J; Chung B C; Place A R
ΑU
     Center of Marine Biotechnology, University of Maryland Biotechnology
CS
     Institute, Baltimore, Maryland 21202, USA.. trant@umbi.umd.edu
NC
     ES09563-03 (NIEHS)
     Journal of experimental zoology, (2001 Sep 15) 290 (5) 475-83.
SO
     Journal code: 0375365. ISSN: 0022-104x.
CY
     United States
     Journal; Article; (JOURNAL ARTICLE)
DT
LA
     English
     Priority Journals
FS
     200112
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    Entered STN: 20010917
ED
    Last Updated on STN: 20020122
     Entered Medline: 20011212
```

```
L2
     ANSWER 29 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     2001:439574 HCAPLUS
AN
     135:133253
DN
     Estrogen and xenoestrogens upregulate the brain aromatase isoform
TI
     (P450aromB) and perturb markers of early development in zebrafish (Danio
     rerio)
     Kishida, M.; McLellan, M.; Miranda, J. A.; Callard, G. V.
ΑU
     Department of Biology, Boston University, Boston, MA, 02215, USA
CS
     Comparative Biochemistry and Physiology, Part B: Biochemistry & Molecular
50
     Biology (2001), 129B(2-3), 261-268
     CODEN: CBPBB8; ISSN: 1096-4959
     Elsevier Science Inc.
PB
     Journal
DT
     English
LA
RE.CNT 21
              THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 30 OF 59 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN DUPLICATE 9
L2
     2001:546903 SCISEARCH
AN
     The Genuine Article (R) Number: 448BW
GA
     Differential expression of chicken CYP26 in anterior versus posterior limb
TI
     bud in response to retinoic acid
     Martinez-Ceballos E; Burdsal C A (Reprint)
ΑU
     Tulane Univ. Dept Cell & Mol Biol, New Orleans, LA 70118 USA (Reprint)
CS
CYA
     USA
     JOURNAL OF EXPERIMENTAL ZOOLOGY, (1 JUL 2001) Vol. 290, No. 2, pp.
SO
     136-147.
     Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
     NY 10158-0012 USA.
     ISSN: 0022-104X.
     Article; Journal
DT
     English
LA
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REC
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
=> d 31-40
L2
     ANSWER 31 OF 59
                                                         DUPLICATE 10
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     2001083174
                    MEDLINE
AN
     PubMed ID: 10976925
DN
     Cytochrome P450RAI(CYP26) promoter: a distinct composite retinoic acid
TI
     response element underlies the complex regulation of retinoic acid
     metabolism.
     Loudig O; Babichuk C; White J; Abu-Abed S; Mueller C; Petkovich M
ΑU
     Department of Biochemistry, Queen's University, Kingston, Ontario, Canada.
CS
     Molecular endocrinology (Baltimore, Md.), (2000 Sep) 14 (9) 1483-97.
SO
     Journal code: 8801431. ISSN: 0888-8809.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
     English
LA
FS
     Priority Journals
     200101
EM
     Entered STN: 20010322
ED
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     Entered Medline: 20010105
    ANSWER 32 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN
L2
AN
     2000:416032 HCAPLUS
     134:158374
DN
     Expression of steroidogenic P450 genes in transgenic mouse and zebrafish
TI
     Chung, Bon-Chu
ΑU
     Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan
CS
     Frontiers Science Series (2000), 29, 317-320
SO
     CODEN: FCFUEO; ISSN: 0915-8502
     Universal Academy Press, Inc.
PB
     Journal
DT
     English
LA
RE.CNT 18
              THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
    ANSWER 33 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN
L2
     2000:546643 HCAPLUS
AN
     133:293833
DN
    The Expression of the Sex Steroid-Synthesizing Enzymes CYP11A1,
TI
```

```
3.beta.-HSD, CYP17, and CYP19 in Gonads and Adrenals of Adult and
     Developing Zebra Finches
     Freking, Fred; Nazairians, Treza; Schlinger, Barney A.
ΑU
     Department of Physiological Science, Laboratory of Neuroendocrinology of
CS
     the Brain Research Institute, University of California, Los Angeles, CA,
     90095, USA
     General and Comparative Endocrinology (2000), 119(2), 140-151
SO
     CODEN: GCENA5; ISSN: 0016-6480
     Academic Press
PB
     Journal
DT
     English
LA
RE.CNT 50
              THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L2
     ANSWER 34 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     1999:560920 HCAPLUS
AN
     131:296338
DN
     Toxicity of retene to early life stages of two freshwater fish species
TI
     Billiard, Sonya M.; Querbach, Kirsten; Hodson, Peter V.
ΑU
     School of Environmental Studies, Queen's University, Kingston, ON, K7L
CS
     Environmental Toxicology and Chemistry (1999), 18(9), 2070-2077
SO
     CODEN: ETOCDK; ISSN: 0730-7268
PB
     SETAC Press
     Journal
DT
     English
LA
RE.CNT 37
              THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2
     ANSWER 35 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     1999:698839 HCAPLUS
AN
     132:89002
DN
     A Second CYP26 P450 in Humans and Zebrafish: CYP26B1
TI
     Nelson, David R.
AU
     Department of Biochemistry, University of Tennessee, Memphis, TN, 38163,
CS
     USA
     Archives of Biochemistry and Biophysics (1999), 371(2), 345-347
S0
     CODEN: ABBIA4; ISSN: 0003-9861
PB
     Academic Press
     Journal
DT
     English
LA
RE.CNT 13
              THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2
     ANSWER 36 OF 59 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN DUPLICATE 11
     1999:918582 SCISEARCH
AN
     The Genuine Article (R) Number: 258RR
GΑ
     Zebra finch aromatase gene expression is regulated in the brain through an
TI
     alternate promoter
     Ramachandran B; Schlinger B A; Arnold A P; Campagnoni A T (Reprint)
ΑU
     UNIV CALIF LOS ANGELES, MENTAL RETARDAT RES CTR, BRAIN RES INST,
CS
     NEUROENDOCRINOL LAB, DEPT PSYCHIAT, LOS ANGELES, CA 90095 (Reprint); UNIV
     CALIF LOS ANGELES, MENTAL RETARDAT RES CTR, BRAIN RES INST,
     NEUROENDOCRINOL LAB, DEPT PSYCHIAT, LOS ANGELES, CA 90095; UNIV CALIF LOS
     ANGELES, MENTAL RETARDAT RES CTR, BRAIN RES INST, NEUROENDOCRINOL LAB, LOS
     ANGELES, CA 90095
CYA
     USA
     GENE, (15 NOV 1999) Vol. 240, No. 1, pp. 209-216.
SO
     Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
     NETHERLANDS.
     ISSN: 0378-1119.
DT
     Article; Journal
FS
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LA
REC
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L2
     ANSWER 37 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     1999:510314 HCAPLUS
AN
     131:296413
DN
     Transactivation Activity of Human, Zebrafish, and Rainbow Trout Aryl
TI
     Hydrocarbon Receptors Expressed in COS-7 Cells: Greater Insight into
     Species Differences in Toxic Potency of Polychlorinated Dibenzo-p-dioxin,
     Dibenzofuran, and Biphenyl Congeners
     Abnet, Christian C.; Tanguay, Robert L.; Heideman, Warren; Peterson,
ΑU
```

Richard E.

```
School of Pharmacy and Environmental Toxicology Center, University of
 CS
     Wisconsin, Madison, WI, 53706, USA
 SO
      Toxicology and Applied Pharmacology (1999), 159(1), 41-51
      CODEN: TXAPA9; ISSN: 0041-008X
      Academic Press
 PB
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      Journal
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RE.CNT 35
               THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
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      ANSWER 38 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
AN
      1999:58047 HCAPLUS
      130:293080
DN
     Cloning of zebrafish cDNA for 3.beta.-hydroxysteroid dehydrogenase and
TI
      P450scc
     Lai, Wayne Wei-Ku; Hsiao, Pei-Hung; Guiguen, Yann; Chung, Bon-Chu
ΑU
     Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan
CS
     Endocrine Research (1998), 24(3 & 4), 927-931
SO
     CODEN: ENRSE8; ISSN: 0743-5800
     Marcel Dekker, Inc.
PB
     Journal
DT
LA
     English
RE.CNT 9
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     ANSWER 39 OF 59
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AN
     1998225341
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     PubMed ID: 9564181
DN
     The cloning and characterization of a novel cytochrome P450 family, CYP26,
TI
     with specificity toward retinoic acid.
ΑU
     Haque M; Anreola F
     Laboratory of Cellular Carcinogenesis and Tumor Promotion, National Cancer
CS
     Institute, National Institutes of Health, Bethesda, MD 20892-4255, USA.
     Nutrition reviews, (1998 Mar) 56 (3) 84-5.
SO
                                                  Ref: 16
     Journal code: 0376405. ISSN: 0029-6643.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
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EM
     199805
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     ANSWER 40 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     1998:42508 HCAPLUS
ΑN
     128:111546
DN
     Method of identifying cytochrome P450-encoding nucleic acid
TI
IN
     Petkovich, P. Martin
     Queen's University At Kingston, Can.: Petkovich, P. Martin
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     PCT Int. Appl., 100 pp.
     CODEN: PIXXD2
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                            19960621
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US 1996-724466 Α2 19961001 WO 1997-CA488 19970623 W => d 41-50ANSWER 41 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN 1997:455872 HCAPLUS 127:91255 Intraspecific phylogeography of the Cape galaxias from South Africa: evidence from mitochondrial DNA sequences Waters, J. M.; Cambray, J. A. Department of Zoology, University of Tasmania, Tasmania, 7001, Australia Journal of Fish Biology (1997), 50(6), 1329-1338 CODEN: JFIBA9; ISSN: 0022-1112 Academic Journal English ANSWER 42 OF 59 HCAPLUS COPYRIGHT 2004 ACS on STN 1997:445423 HCAPLUS 127:61908 The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechorionation and perivitelline space microinjection Mizell, Merle; Romig, Eric S. Department of Cell and Molecular Biology and Tulane/Xavier Center for Bioenvironmental Research, Tulane University, New Orleans, LA, 70118, USA International Journal of Developmental Biology (1997), 41(2), 411-423 CODEN: IJDBE5; ISSN: 0214-6282 University of the Basque Country Press Journal English ANSWER 43 OF 59 MEDLINE on STN DUPLICATE 13 **MEDLINE** 97446231 PubMed ID: 9299598 CYP1A induction by beta-naphthoflavone, Aroclor 1254, and 2,3,7,8-tetrachlorodibenzo-p-dioxin and its influence on aflatoxin B1 metabolism and DNA adduction in zebrafish. Troxel C M; Buhler D R; Hendricks J D; Bailey G S Toxicology Program, Oregon State University, Corvallis, Oregon, 97331, USA. 2 T32 ES 07060 (NIEHS) ES 00210 (NIEHS) ES 03850 (NIEHS) Toxicology and applied pharmacology, (1997 Sep) 146 (1) 69-78. Journal code: 0416575. ISSN: 0041-008X. United States Journal; Article; (JOURNAL ARTICLE) English Priority Journals 199710 Entered STN: 19971024 Last Updated on STN: 19990129 Entered Medline: 19971015 ANSWER 44 OF 59 MEDLINE on STN DUPLICATE 14 96315198 MEDLINE PubMed ID: 8739299 Quantitative enzyme- and immunohistochemistry of hexokinase and \*\*\*cytochrome\*\*\* c oxidase of spinal neurons in the \*\*\*zebrafish\*\*\* . van Raamsdonk W; Smit-Onel M J; Diegenbach P C Department of Experimental Zoology, University of Amsterdam, The Netherlands. Acta histochemica, (1996 Apr) 98 (2) 143-55. Journal code: 0370320. ISSN: 0065-1281. GERMANY: Germany, Federal Republic of Journal; Article; (JOURNAL ARTICLE) English Priority Journals

DUPLICATE 15

ANSWER 45 OF 59 MEDLINE on STN L2

Last Updated on STN: 19970128

Entered Medline: 19970114

Entered STN: 19970128

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     PubMed ID: 8869514
DN
     A diagnostic molecular marker for zebra mussels (Dreissena polymorpha) and
TI
     potentially co-occurring bivalves: mitochondrial COI.
     Baldwin B S; Black M; Sanjur O; Gustafson R; Lutz R A; Vrijenhoek R C
ΑU
     Center for Theoretical and Applied Genetics, Rutgers University, New
CS
     Brunswick, New Jersey 08903-231, USA.
     Molecular marine biology and biotechnology, (1996 Mar) 5 (1) 9-14.
SO
     Journal code: 9205135. ISSN: 1053-6426.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
     English
LA
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     Priority Journals
     GENBANK-U47647; GENBANK-U47648; GENBANK-U47649; GENBANK-U47650;
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     199611
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     Entered STN: 19961219
ED
     Last Updated on STN: 19980206
     Entered Medline: 19961122
     ANSWER 46 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
L2
     1994:501447 HCAPLUS
AN
     121:101447
DN
     Induction of zebra fish (Brachydanio rerio) P450 in vivo and in cell
TI
     Collodi, P.; Miranda, C. L.; Zhao, X.; Buhler, D. R.; Barnes, D. W.
ΑU
     Dep. Biochem. Biophys., Oregon State Univ., Corvallis, OR, USA
CS
     Xenobiotica (1994), 24(6), 487-93
SO
     CODEN: XENOBH; ISSN: 0049-8254
     Journal
DT
     English
LA
L2
     ANSWER 47 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
     1994:504907 HCAPLUS
AN
DN
     121:104907
     Combined quantitative immuno- and enzyme cytochemistry of cytochrome c
TI
     oxidase in sections of neural tissue and cultured cells
     van Raamsdonk, W.; van den Bogert, C.; Smit-Onel, M. J.; Muijsers, A. O.;
ΑU
     Diegenbach, P. C.
     Dep. Exp. Zool., Univ. Amsterdam, Amsterdam, 1098, Neth.
CS
     Acta Histochemica (1994), 96(1), 19-32
SO
     CODEN: AHISA9; ISSN: 0065-1281
     Journal
DT
     English
LA
L2
     ANSWER 48 OF 59
                         MEDLINE on STN
                                                          DUPLICATE 16
AN
     93384284
                  MEDLINE
DN
     PubMed ID: 8373170
     Regulation of ***cytochrome*** P450 expression line from ***zebrafish*** (Brachydanio rerio).
                                         P450 expression in a novel liver cell
ΤI
     Miranda C L; Collodi P; Zhao X; Barnes D W; Buhler D R
ΑU
     Department of Agricultural Chemistry, Oregon State University, Corvallis
CS
     97331-7307.
     ES00210 (NIEHS)
NC
     ES03850 (NIEHS)
     ES04766 (NIEHS)
     Archives of biochemistry and biophysics, (1993 Sep) 305 (2) 320-7.
SO
     Journal code: 0372430. ISSN: 0003-9861.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
LA
     English
     Priority Journals
FS
EM
     199310
     Entered STN: 19931029
ED
     Last Updated on STN: 19970203
     Entered Medline: 19931012
L2
     ANSWER 49 OF 59 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
     on STN
                                                          DUPLICATE 17
     93343199 EMBASE
ΑN
     1993343199
DN
     Immunohistochemical localization of the cytochrome P450 isozymes LMC2 and
TI
     LM4B (P4501A1) in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated zebrafish
     (Brachydanio rerio).
```

Buchmann A.; Wannemacher R.; Kulzer E.; Buhler D.R.; Bock K.W.

ΑU

- CS Institute of Toxicology, University of Tubingen, Wilhelmstrasse 56,7400 Tubingen, Germany
- Toxicology and Applied Pharmacology, (1993) 123/1 (160-169). ISSN: 0041-008X CODEN: TXAPA

CY United States

- DT Journal; Article
- FS 029 Clinical Biochemistry
  046 Environmental Health and Pollution Control
  052 Toxicology
- LA English
- SL English
- L2 ANSWER 50 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1992:514713 BIOSIS

- DN PREV199243112163; BR43:112163
- TI ENERGY HOMEOSTASIS AND DEVELOPMENTAL STABILITY.
- AU OZERNYUK N D [Reprint author]; DYOMIN V I; PROKOFYEV E A; ANDROSOVA I M CS NK KOLTSOV INST DEV BIOL, RUSSIAN ACADEMY SCI, 26 VAVILOV STR, MOSCOW 117 808, RUSSIA
- SO Acta Zoologica Fennica, (1992) No. 191, pp. 167-175.

  Meeting Info.: SYMPOSIUM ON POPULATION PHENOGENETICS: ANALYSIS OF
  DEVELOPMENTAL STABILITY IN NATURAL POPULATIONS, MOSCOW, RUSSIAN SFSR, MAY
  15-18, 1989. ACTA ZOOL FENN.
  CODEN: AZFEAA. ISSN: 0001-7299.
- DT Conference; (Meeting)
- FS BR
- LA ENGLISH
- ED Entered STN: 11 Nov 1992
  - Last Updated on STN: 11 Nov 1992

## => d 48-50 ab

- L2 ANSWER 48 OF 59 MEDLINE on STN DUPLICATE 16 The expression and induction of cytochrome P450 by 2,3,7,8-AB tetrachlordibenzo-p-dioxin (TCDD) and beta-naphthoflavone (BNF) in a new liver cell line from adult zebrafish (Brachydanio rerio) were studied. Subcellular fractions from control, BNF- or TCDD-treated cells did not show detectable bands in immunoblots probed with antibodies to the constitutive forms of trout P450 (LMC1, LMC2, LMC3, LMC4, and LMC5), suggesting that either zebrafish liver cells lack P450s closely related to those constitutively expressed in trout or that the concentrations of the orthologous P450s were too low to be detected. However, upon exposure to TCDD, the cells expressed a major immunoreactive 54-kDa protein and a minor 50-kDa protein recognized by antibodies to rainbow trout P4501A1. These immunoreactive proteins were observed in microsomal and mitochondrial fractions of TCDD-treated cells but were not detected in cell cultures treated with dimethyl sulfoxide (DMSO) (vehicle control) or BNF. The activities of ethoxyresorufin O-deethylase (EROD) and 7,12-dimethylbenzanthracene (DMBA) hydroxylase were markedly increased by TCDD but not by BNF in this cell line. EROD activity was more sensitive than DMBA hydroxylase activity of TCDD-treated liver cells to diagnostic inhibitors such as alpha-naphthoflavone and anti-trout P4501A1 IgG. The TCDD-treated cells converted DMBA to various metabolites, one of which is the putative proximate carcinogen, DMBA-3,4-diol. These results suggest that TCDD, but not BNF, induces one or possibly two forms of P450 immunochemically and functionally related to trout P4501A1, in cultured zebrafish liver cells.
- L2 ANSWER 49 OF 59 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.

  On STN

  DUPLICATE 17
- Dibenzo-p-dioxins are persistent pollutants in our environment that exert AB a variety of biological and toxic effects in various species, in particular developmental toxicity in fish. Using zebrafish (Brachydanio rerio) as a model system, we analyzed the expression and inducibility of a constitutive isozyme (LMC2) and a dioxin-inducible isozyme (LM4B or P4501A1) of \*\*\*cytochrome\*\*\* (cyt.) P450 in different organs by immunohistochemical techniques. In untreated \*\*\*zebrafish\*\*\* constitutively expressed at high levels in the liver, kidney, skin, and oral mucosa, while moderate expression was detected in gills, pseudobranch, intestine, and ovaries. LM4B was either not expressed in these organs or was found at comparatively low levels. After treatment of zebrafish with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD; total dose of 15 ng per fish), LM4B expression was strongly induced in livers and kidneys and less pronounced in gills and pseudobranchs, whereas no or only marginal induction was seen in skin, intestine, oral mucosa, and ovaries.

In addition, cyt. P450 catalyzed 7-ethoxyresorufin-0-deethylation and phenol UDP-glucuronosyl transferase activity were also found to be inducible in liver and kidney. Our results demonstrate that zebrafish respond to inducing stimuli of TCDD in a fashion similar to that observed with related compounds in other fish species, suggesting that zebrafish may be a useful experimental model for studying biological and toxic effects of TCDD and other environmental pollutants in fish.

L2 ANSWER 50 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

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=> d 51-59
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L2 ANSWER 51 OF 59 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 18

AN 92:313635 SCISEARCH

- GA The Genuine Article (R) Number: HT978
- TI CULTURE OF CELLS FROM ZEBRAFISH (BRACHYDANIO-RERIO) EMBRYO AND ADULT TISSUES
- AU COLLODI P; KAMEI Y; ERNST T; MIRANDA C; BUHLER D R; BARNES D W (Reprint)
- CS OREGON STATE UNIV, CTR ENVIRONM HLTH SCI, DEPT BIOCHEM & BIOPHYS, CORVALLIS, OR, 97331; OREGON STATE UNIV, DEPT AGR CHEM, CORVALLIS, OR, 97331; SAPPORO BREWERIES LTD, DEPT AGRIBUSINESS, TOKYO, JAPAN

CYA USA; JAPAN

- SO CELL BIOLOGY AND TOXICOLOGY, (JAN/MAR 1992) Vol. 8, No. 1, pp. 43-61. ISSN: 0742-2091.
- DT Article; Journal

FS LIFE

LA ENGLISH

REC Reference Count: 41

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 52 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN

AN 1991:443067 HCAPLUS

DN 115:43067

- TI Evolution of the cytochrome b gene of mammals
- AU Irwin, David M.; Kocher, Thomas D.; Wilson, Allan C.
- CS Div. Biochem. Mol. Biol., Univ. California, Berkeley, CA, 94720, USA
- SO Journal of Molecular Evolution (1991), 32(2), 128-44

CODEN: JMEVAU; ISSN: 0022-2844

- DT Journal
- LA English
- L2 ANSWER 53 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
- AN 1990:617590 HCAPLUS
- DN 113:217590
- TI Experimental and environmental induction of cytochrome P450E in fish from Bermuda waters
- AU Stegeman, John J.; Renton, Kenneth W.; Woodin, Bruce R.; Zhang, Yusheng; Addison, Richard F.
- CS Biol. Dép., Woods Hole Oceanogr. Inst., Woods Hole, MA, 02543, USA
- Journal of Experimental Marine Biology and Ecology (1990), 138(1-2), 49-67 CODEN: JEMBAM; ISSN: 0022-0981
- DT Journal
- LA English
- L2 ANSWER 54 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
- AN 1987:153393 HCAPLUS
- DN 106:153393
- Quantitative cytochemical analysis of cytochrome oxidase and succinate dehydrogenase activity in spinal neurons
- AU Van Raamsdonk, Willem; Smit-Onel, Monique; Donselaar, Yvonne; Diegenbach, Paul
- CS Dep. Zool., Univ. Amsterdam, Amsterdam, NL-1098 SM, Neth.
- SO Acta Histochemica (1987), 81(2), 129-41 CODEN: AHISA9; ISSN: 0065-1281
- DT Journal
- LA English
- L2 ANSWER 55 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
- AN 1985:218688 HCAPLUS
- DN 102:218688
- TI Distribution of parvalbumin, cytochrome oxidase activity and 14C-2-deoxyglucose uptake in the brain of the zebra finch. II. Visual system
- AU Braun, Katharina; Scheich, Henning; Schachner, Melitta; Heizmann, Claus W.
- CS Inst. Zool., Tech. Hochsch. Darmstadt, Darmstadt, 6100, Fed. Rep. Ger.

```
Cell & Tissue Research (1985), 240(1), 117-27
SO
     CODEN: CTSRCS; ISSN: 0302-766X
     Journal
DT
     English
LA
     ANSWER 56 OF 59 HCAPLUS COPYRIGHT 2004 ACS ON STN
L2
     1985:218687 HCAPLUS
AN
     102:218687
DN
     Distribution of parvalbumin, cytochrome oxidase activity and
TI
     14C-2-deoxyglucose uptake in the brain of the zebra finch. I. Auditory
     and vocal motor systems
     Braun, Katharina; Scheich, Henning; Schachner, Melitta; Heizmann, Claus W.
ΑU
     Inst. Zool., Tech. Hochsch. Darmstadt, Darmstadt, 6100, Fed. Rep. Ger.
CS
     Cell & Tissue Research (1985), 240(1), 101-15
SO
     CODEN: CTSRCS; ISSN: 0302-766X
     Journal
DT
     English
LA
     ANSWER 57 OF 59 LIFESCI
                                 COPYRIGHT 2004 CSA on STN DUPLICATE 19
L2
     85:34389 LIFESCI
AN
     Benzo(a)pyrene oxidation and microsomal enzyme activity in the mussel
TI
     (Mytilus edulis ) and other bivalve mollusc species from the Western North
     Atlantic.
     Stegeman, J.J.
ΑU
     Dep. Biol., Woods Hole Oceanogr. Inst., Woods Hole, MA 02543, USA
CS
     MAR. BIOL., (1985) vol. 89, no. 1, pp. 21-30.
SO
     Journal
DT
FS
     Х
     English
LA
SL
     English
L2
     ANSWER 58 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 20
     1979:141971 BIOSIS
AN
     PREV197967021971; BA67:21971
DN
TI
     EXPRESSION OF PATERNAL GENES CONTROLLING THE ACTIVITY OF CYTOCHROME
     OXIDASE IN THE DEVELOPMENT OF FISH HYBRIDS.
     ABRAMOVA N B [Reprint author]; KLYACHKO O S; NEIFAKH A A
ΑU
     INST DEV BIOL, ACAD SCI USSR, MOSCOW, USSR
CS
     Ontogenez, (1978) Vol. 9, No. 3, pp. 291-296.
SO
     CODEN: ONGZAC. ISSN: 0475-1450.
     Article
DT
FS
     BA
     RUSSIAN
LA
L2
     ANSWER 59 OF 59 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
     DUPLICATE 21
     1972:22429 BIOSIS
AN
     PREV197208022429; BR08:22429
DN
                                   ***CYTOCHROME*** C OF THE
     ON THE PRIMARY STRUCTURE OF
                                                                  ***ZEBRA***
TI
     EQUUS-QUAGGA.
     GUERTLER L; HORSTMANN H J
ΑU
     Febs Letters, (1971) Vol. 18, No. 1, pp. 106-108.
SO
     CODEN: FEBLAL. ISSN: 0014-5793.
     Article
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